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all individual cases to the federal district exemption boards, to which exemptions for industrial, agricultural and professional reasons are left by law.

Under the circumstances, in the absence of instructions from the government and in view of the general desire on the part of our members for guidance and advice in this matter, we would recommend to you *unofficially* the following procedure: Chemists of military age selected by draft for service and accepted by the local boards to which the physical examination, etc., is committed are advised to submit to their federal district boards:

1. An official certificate of their employers, or of the university or college from which they have received degrees or with which they have been or are connected, certifying as to their education and experience as chemists.

2. An official statement by their employers of the nature of their work as chemists.

3. A recommendation, if such seems right, from their employers, or their university or college, that they be assigned to continue their work as chemists.

4. A request that in default of such assignment, they be detailed to serve as chemists in the military branch of the government.

5. If enlisted in any capacity, inform the secretary of the society by postal card of the company, regiment and corps in which you are enrolled, in order that a record may be kept of the fact and the War Department advised from time to time of chemists in the army should their services as chemists be required.

The purpose of this recommendation is to put into the possession of the government authorities all the facts necessary for it to decide exactly for what service a given man is most fitted. We believe this to be in accordance with the resolutions adopted at the Kansas City meeting and in accordance with the patriotic duty of every American chemist to serve his country under the selective draft in the capacity the government itself, with a full knowledge of the circumstances, selects for each individual.

THE BOSTON MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE September meeting of the American Chemical Society will be held in the buildings of the Massachusetts Institute of Technology, Charles River Road, Cambridge, Mass., September 11, 12 and 13, 1917. The Northeastern

Section has been requested by the directors to omit the usual annual banquet and excursions, and to arrange a program characterized by simplicity and seriousness, and bearing as fully as possible on questions concerning the activities of chemists—both in the government service and in the industries during the war.

The following is a list of the chairmen of local committees:

Executive.—H. P. Talbot, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Finance.—A. D. Little, 93 Broad Street, Boston, Massachusetts.

Registration.—K. L. Mark, Simmons College, Brookline, Massachusetts.

Entertainment.—R. S. Williams, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Press and Publicity.—R. W. Neff, 22 India Square, Boston, Massachusetts.

Entertainment of Ladies.—Mrs. A. D. Little.

Registration will be conducted at the buildings of the Massachusetts Institute of Technology, Cambridge, except on Monday, September 10, when it will be held at the Hotel Lenox. Society headquarters will be at the Hotel Lenox at the corner of Boylston and Exeter Streets. The use of the Engineers' Club, at the corner of Arlington Street and Commonwealth Avenue, will be extended to all members of the society.

PROGRAM

Monday, September 10

4 P.M.—Council meeting. Engineers' Club.

7 P.M.—Dinner to the Council at the Engineers' Club (tendered by the Northeastern Section).

Tuesday, September 11

10 A.M.—General meeting of the society in the Massachusetts Institute of Technology.

Address of Welcome: Dr. R. C. Maclaurin, president, Massachusetts Institute of Technology.

Response: Julius Stieglitz, president, American Chemical Society.

General papers:

2 P.M.—General Conference on Chemistry and Chemistry in Warfare, opened by William H. Nichols, chairman, committee on chemicals, Council of National Defense. Marston T. Bogert, chairman, chemistry committee, National Research Council.

5 P.M.—Harbor trip to Hotel Pemberton, where an informal shore dinner and smoker will be held.

Wednesday, September 12

Morning.—Conferences of Divisions.

Afternoon.—Divisional Meetings.

Evening.—President's address, Huntington Hall, Rogers Building, Massachusetts Institute of Technology, Boylston Street.

Thursday, September 13

Morning and Afternoon.—Divisional Meetings.

The usual meetings, including the annual election of officers, will be held by all the Divisions, and by the Rubber Chemistry Section, with the following special program:

Physical and Inorganic and Organic Divisions may hold a joint conference on Wednesday morning, September 12.

Division of Industrial Chemists and Chemical Engineers, Wednesday, September 12. Conference on "The industrial chemist in war time."

Division of Organic Chemistry will hear and discuss the report of the committee on "The supply of organic chemicals for research during the war," by the chairman, C. S. Hudson.

Division of Pharmaceutical Chemistry.—Conference on "Pharmaceutical chemistry and the future," opened by L. F. Kebler. The secretary of the Division wishes to call the attention of the members to the fact that papers on the composition of plant drugs or any of their constituents, the composition of volatile oils, etc., are appropriate to the program of this division. Papers on pharmacological testing should also be presented to this division.

The Fertilizer Division will have papers of unusual interest dealing with the fertilizer situation of to-day in relation to the chemical methods employed in the analysis of fertilizers, sampling of fertilizers, etc. A conference where the papers previously read will be freely discussed and general conditions affecting the fertilizer business from a chemical standpoint will close the meeting.

Division of Biological Chemistry. The sessions of the Biochemical Division include for Wednesday a special program concerning "Enzymes and their action."

Division of Water, Sewage and Sanitation will hold a conference on "Sanitation in warfare."

All titles for papers should be in the secretary's hands on or before August 27; or in the hands of the secretaries of divisions on or before August 25, with the exception that titles of papers should reach the secretary of the Division of Industrial Chemists and Chemical Engineers on or before August 21. In order

that the meeting may receive due and correct notice in the public press, every member presenting a paper is requested to send an abstract to Professor Allen Rogers, Pratt Institute, Brooklyn, N. Y., chairman of the society's press and publicity committee. The amount of publicity given to the meeting and to the individual papers will entirely depend upon the degree to which members cooperate in observing this request. A copy of the abstract should be retained by the member and handed to the secretary of the special division before which the paper is to be presented in Boston or, better, sent in advance of the meeting to R. W. Neff, 22 India Square, Boston, Mass. Short abstracts will be printed in SCIENCE.

The final program will be sent to all members signifying their intention of attending the meeting, to the secretaries of sections, to the council, and to all members making special request therefor.

CHARLES L. PARSONS,
Secretary

SCIENTIFIC NOTES AND NEWS

PROFESSOR LIONEL S. MARKS, head of the combined departments of mechanical engineering of Harvard University and the Massachusetts Institute of Technology, has been appointed to take charge of investigations relating to airplane engine design being conducted by the national advisory committee for aeronautics at the Bureau of Standards.

PROFESSOR WILLIAM D. HURD, director of the extension service of the Massachusetts Agricultural College, has been called to Washington to act as assistant to the Secretary of Agriculture.

A COMMITTEE on industrial fatigue has been organized under the advisory commission of the Council of National Defense with the following membership: Dr. Thomas Darlington, New York, chairman; Professor Frederic S. Lee, Columbia University, executive secretary; Professor Robert E. Chadcock, Columbia University; Professor Raymond Dodge, Wesleyan University; Dr. David L. Edsall, Harvard Medical School; Mr. P. Sargent Florence, Columbia University; Miss Josephine Goldmark, National Consumers